

# Work Order ID 67209

Thursday, March 10, 2011 12:31:21 PM

Page 1

Item ID: D2562-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Strut

Start Date: 3/10/2011 Start Qty: 5.00

Cust Item ID:

Required Date: 3/18/2011 Req'd Qty: 5.00

Customer:

Reference:

Approvals:

Process Plan:

Date: 11-03-10

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D2562

Rev D

100

0.00



NC BRAKE

Brake NC

Memo

0.00

Brake NC

Punch to length as per Dwg D2562

⇒ m-l 11/03/11

110

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

1- Bend end as per Dwg D2562 Angle "D" □ 2- Deburr

⇒ m-l 11/03/11

120

0.00



QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

8 11/03/11

ASAP

5X

5X

15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

\_\_\_\_\_

Page 2

**Accept**

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the team.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources needed to complete each task.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress regularly to ensure that the project is on track.

5. The final step is to evaluate the results of the project. This involves comparing the actual outcomes against the objectives and goals to determine the effectiveness of the project.

**Setup Start**

**Stop**

[illegible]**Cust Item ID:**

1000

**Customer:**

Run Start

**Stop**

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

### Operation Description

### Set Up/ Run Hours

## Tool ID

**Tool #****Plan  
Code**

**Accept**  
**Qty**

Reject  
QtyReject  
Number

**Insp.  
Stamp**

White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel

0.00



M115951

0.00

**Powdercoat**

## Memo

START TIME: 12:00 ☐ OVEN TEMPERATURE:

☐ FINISH TIME:

## Powder Coating

### QC3- Inspect Part Finish

0.00

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## Memo

0.00

QC

### Quality Control

Identify as per dwg & Stock Location: 264

0.00

\_\_\_\_\_

## Memo

0.00

### Packaging

## Packaging

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_



NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			



**NOTE:** Date & initial all entries


**Work Order ID 67209**

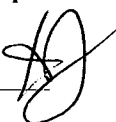
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Thursday, March 10, 2011 12:31:21 PM

Item ID: D2562-013      Accept            Setup      Start        
Revision ID:      Stop        
Item Name: Strut  
Start Date: 3/10/2011      Start Qty: 5.00            Cust Item ID:  
Required Date: 3/18/2011      Req'd Qty: 5.00            Customer:  
Reference:

Approvals:      Process Plan: \_\_\_\_\_      Date: \_\_\_\_\_      Tooling: \_\_\_\_\_      Date: \_\_\_\_\_      Run      Start        
QC: \_\_\_\_\_      Date: \_\_\_\_\_      SPC (Y/N): \_\_\_\_\_      Date: \_\_\_\_\_      Stop      

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 	QC21- Final Inspection - Work Order Release	0.00							
QC Quality Control	Memo	0.00							

11/3/16 ME  
11-03-16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Thursday, March 10, 2011 12:31:27 PM

Page 1

Work Order ID: 67209

Parent Item: D2562-013

Parent Item Name: Strut



Start Date: 3/10/2011

Required Date: 3/18/2011

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP ☐ A ☐ 05.05.18 ☐ New Issue ☐ KJ/JLM ☐

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.500W.035  304 RD Tube .500 x .035W		Purchased	No			100	f	88.0147	2.2916	12.06105			

*m-1 11/03/11*

Location

Loc Qty

Loc Code

MAT

88.01469535

115593

9.080387

115990

34.4846264

116720 ✓

44.449682

*12-06105*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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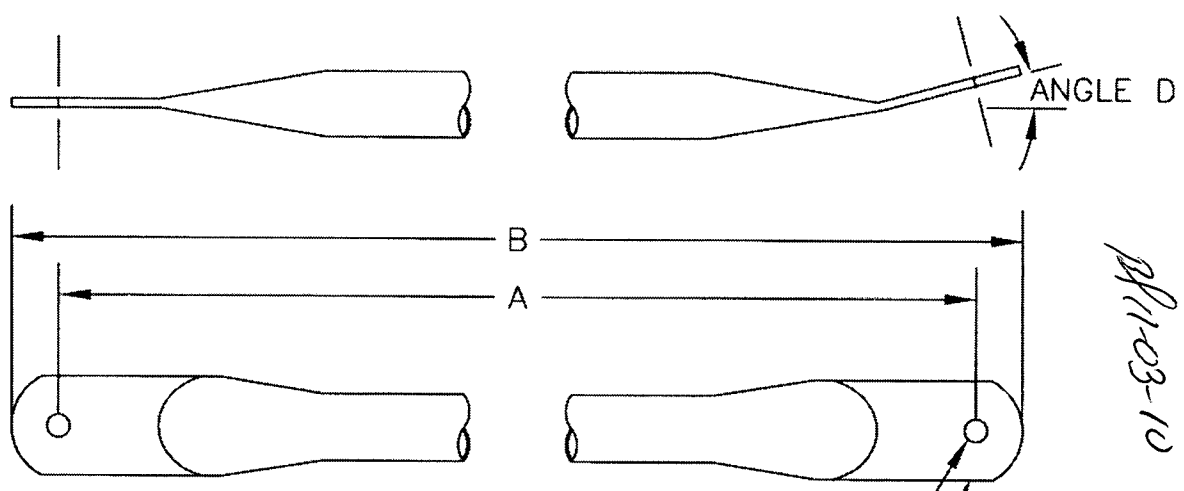


ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT

WITHOUT NOTICE  
WORK ORDER  
NO. 47209

*2811-03-10*

DESIGN	DRAWN BY	DART AEROSPACE LTD		
CP	RF	HAWKESBURY, ONTARIO, CANADA		
CHECKED	APPROVED	DRAWING NO.	REV. 0	
		D2562	SHEET 1 OF 1	
DATE	TITLE	SCALE		
05.05.18	STRUT	1:2		
A	96.05.01	NEW ISSUE		
B	98.10.15	UPDATED MATERIAL NOTE (TSR A603)		
C	02.06.05	ADD -005; ADD FINISH		
D	05.05.18	ADD -007/-011/-013; UPDATE -005		



"C" DIA TO BE OPENED MANUALLY  
PUNCH ENDS PER SPEC CONTROL DRAWING D2727

PART #	DIM A	DIM B	DIA C	ANG D
D2562-001	19.68	20.48	-	10
D2562-003	20.37	21.17	-	18
D2562-005	29.00	29.80	-	30
D2562-007	19.22	20.02	-	0
D2562-011	25.79	26.59	-	16
D2562-013	26.63	27.43	-	24

GENERAL NOTES

- 1) MATERIAL: AISI 304/316/318 SS 0.500 OD X 0.035 WALL (REF DART SPEC. M304TR0.500W.035) ENSURE SEAMLESS TUBE IS USED
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

RELEASED  
05.05.27

W/O:		WORK ORDER CHANGES						
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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